

Amendments to the Claims

Please cancel claims 1-5 and 17.

Please amend claims 6, 8 and 9 as shown below.

Please add new claims 18 and 19 as shown below.

Listing of Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Claims 1-5. (Cancelled)

6. (Currently amended) A service node operable in a telecommunications system for implementing a call control service for managing call delivery to a subscriber to the call control service, the service node comprising:

first computer code to detect caller identification information for a call from a calling communication station to a called communication station routed to the service node, the call defined in part by a directory number associated with the calling communication station and a directory number associated with the called communication station;

second computer code to provide a caller identifier based on the detected caller identification information for a new call placed from the service node to [[a]] the called communication station, the second computer code being further configured to produce a setup message for [[a]] the new call, the setup message including
a calling party identification field set to the calling party directory number,
a called party identification field set to [[a]] the directory number associated with the called communication station, and
a redirecting element field set to a predetermined directory number associated with the call control service;

third computer code to detect a call disposition option entered as a single key press by a called party at the called communication station; and

fourth computer code responsive to detection of the call disposition option to add a ~~ealling-party~~ the directory number associated with the calling party determined from the detected caller identification information to a blocking list associated with the called communication station.

7. (Original) The service node of claim 6 further comprising:

fifth computer code to translate text of the detected caller identification information to signals representative of audible speech and to play the signals representative of audible speech to the called communication station as the caller identifier.

8. (Currently amended) The service node of claim 6 wherein the first computer code is configured to detect the caller identification information in caller name information passed with the call to the service node, if available, and otherwise in ~~[[a]] ealling-party~~ directory number associated with the calling party passed with the call to the service node.

9. (Currently amended) The service node of claim 8 further comprising:

fifth computer code to translate one of the caller name information and the ~~ealling-party~~ directory number associated with the calling party to signals representative of audible speech to be played to the called communication station.

10. (Cancelled)

11. (Withdrawn) A telephone call setup message for processing a call, the call setup message comprising:

a calling party identification field set to a directory number associated with a calling communication station;

a called party identification field set to a directory number associated with a called communication station; and

a data field set to a value to indicate the call should not be suspended but should be presented to the called communication station.

12. (Withdrawn) The telephone call setup message of claim 11 wherein the data field comprises a redirecting element field set to a predetermined directory number.

13. (Withdrawn) The telephone call setup message of claim 12 wherein the predetermined directory number is associated with a call control service.

14. (Withdrawn) A call processing method comprising:
receiving a termination attempt query message for a call from a calling party at a calling communication station, the call intended for a called party at a called communication station;
determining from the termination attempt query message whether standard caller identification information can be provided for the call;
if standard caller identification information can be provided, determining whether predetermined data is present in the termination attempt query message;
if the predetermined data is not present, forwarding the call to a service node for processing;
receiving a subsequent termination attempt query message for the call;
detecting the predetermined data in the termination attempt query message; and
completing the call to the called communication station.

15. (Withdrawn) The call processing method of claim 14 wherein determining whether predetermined data is present comprises testing a value of a redirecting element of the termination attempt query message.

16. (Withdrawn) The call processing method of claim 14 further comprising:
if standard caller identification information can not be provided, routing the call to a privacy service.

17. (Cancelled)

18. (New) A method for implementing a call control service when processing a call in a telecommunications system, the call being from a calling party at a calling communication station having a calling party directory number, the call intended for a called party at a called communication station at a called party directory number, the method comprising:

routing the call to a terminating service switching point (SSP) associated with the called communication station;

transmitting a termination attempt query from the terminating SSP to a service control point (SCP);

at the SCP, in response to the termination attempt query, determining if the called party associated with the called party directory number is a subscriber to the call control service;

if so, determining if a redirecting element field is set to a specified directory number of network equipment designated to process calls for the call control service;

if the redirecting element field is set to the specified directory number, sending a forward call response message to the terminating SSP;

in response to the forward call response message, routing the call from the terminating SSP to the network equipment designated to process calls for the call control service using a directory number of the called party directory number field of the forward call message;

at the network equipment, originating a new call to the called party directory number, including formatting a setup message with a redirecting element field set to the specified directory number of the network equipment designated to process calls for the call control service;

receiving the new call at the terminating SSP;

in response to the received new call, transmitting a new terminating attempt query from the terminating SSP to the SCP;

at the SCP, determining if the redirecting element field is set to the specified directory number;

if so, sending an authorize termination message from the SCP to the terminating SSP for processing of the call to the called communication station.

19. The method of claim 18 further comprising:
in response to the authorize termination message, ringing the called communication station from the network equipment;
providing call disposition options to the called communication station;
detecting a selected call disposition option entered at the called communication station;
if the detected call disposition option corresponds to a rejection of the call, playing a message to the called communication station inviting the addition of the calling party directory number to a blocking list associated with the called party directory number;
detecting a response from the called communication station; and
if the response is affirmative, communicating information about addition of the calling party directory number to the blocking list from the network equipment to the SCP to update the blocking list stored at the SCP.